The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1.   (Original)   A two-dimensional code comprising:

a finding pattern area includes finding patterns for discriminating a code area from whole image;

a timing pattern area includes timing patterns for checking a position of data region and each cells in the data region from whole code image; and

a data area recorded various kind of predetermined data and decoding information of data itself.

2.   (Withdrawn)   The two-dimensional code as claimed in claim 1, wherein said finding pattern area is located in any one-side or faced each other two-side of edge surfaces, and

said finding patterns comprises a predetermined number of bars which are different from width with one another.

3.   (Withdrawn)   The two-dimensional code as claimed in claim 2, wherein said finding patterns comprises two black bars wherein the width of said black bars are at least 1.5 times or more as a unit size of cell.

4.   (Withdrawn)   The two-dimensional code as claimed in claim 2, wherein said timing pattern area is located in at least any one or more sides of edge surface except said finding pattern area.

5.   (Withdrawn)   The two-dimensional code as claimed in claim 4, wherein said timing pattern area comprises at least one more row and column of edge surfaces in whole code plane, and size of cells in each areas are different from one another.

6.   (Withdrawn)   The two-dimensional code as claimed in claim 1, wherein said data area comprises:

a first data code,

a Reed-Solomon code,

a second data code coded and recorded an error level information of said Reed-Solomon code, and

a BCH code.

7.   (Withdrawn)   The two-dimensional code as claimed in claim 6, wherein codeword data are extracted from said first data code and said Reed-Solomon code by error-level decision of said Reed-Solomon code from said BCH code.

8.   (Currently Amended) The two-dimensional code as claimed in claim 1, wherein said coded data recorded in said data area are at least one among a figure, mark, Korean alphabet, English alphabet, or special character, etc.

9.   (Currently Amended) The two-dimensional code as claimed in claim 1, wherein said data [[is]] are directly interpreted by decoding process.

10.   (Original)   The two-dimensional code as claimed in claim 1, further comprising a quiet zone for identification of an existence of said code, wherein a size of said quiet zone is at least 2X which is a standard unit size of cell in said code.

11.   (Withdrawn)   A two-dimensional code comprising:

a finding pattern area includes finding patterns for discriminating a code area from whole image and located in any one-side or faced each other two-side of edge surfaces;

a data area recorded various kind of predetermined data and decoding information of data itself; and

wherein said finding patterns comprises a predetermined number of bars which are different from width with one another and sizes of at least two bars are 1.5 times or more as a unit size of cell.

12.   (Withdrawn)   A two-dimensional code comprising:

a timing pattern area includes timing patterns for checking a position of data region and each cells in the data region from whole code image;

a data area recorded various kind of predetermined data and decoding information of data itself; and

wherein said timing pattern area comprises at least one more row and column of edge surfaces in whole code plane, size and pattern of cells in each areas are different from one another.

13-24. (Cancelled).

25.   (Withdrawn)   A two-dimensional code comprising:

a data code inputted in a predetermined information;

a Reed-Solomon code for correcting an error;

a code for recording an error level information; and

wherein said error level information recorded to said code includes single step

information of error level which is possible to control an error level according to a using

configuration of code.